

Customer No.: 31561
Docket No.: 12915-US-PA
Application No.: 10/709, 641

REMARKS

I. Present Status of the Application

The drawings are objected to under 37 CFR 1.83(a). Claims 1 and 4 are rejected under 35 U.S.C. 103(a) as being unpatentable over Furuhashi (US 5,731,796) in view of Yamamoto (US 6,844,769 B2). Claims 5-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Furuhashi et al. in view of Yamamoto, and further in view of Wang et al. (US 6,552,708 B1). Claims 2 and 3 would be allowable if rewritten to overcome the rejections under 35 U.S.C. 112, 2nd paragraph and include all of the limitations of the base claim and any intervening claims. Claims 11-24 are allowed.

In response thereto, Applicants have amended paragraph [0009] of the specification, and amended claim 1 to incorporate all of the limitations of claim 2. After entry of the foregoing amendments, claims 1 and 3-24 remain pending in the present application, and reconsideration of those claims is respectfully requested.

II. Discussion of Objections to the drawings

The Office Action objected the drawings because they failed to show 302, 304, 306, 308, Cgs, Cgd, 402, 404, 406 and 408 as described in the specification. Fig. 3 should be designated by a legend such as --Prior Art-- because only that which is old is illustrated.

In response thereto, Applicant has amended the drawings to show 302, 304, 306, 308 in FIG. 3 and 402, 404, 406 and 408 in FIG. 4, and added—Prior Art—in FIG. 3. The parasitic

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capacitors Cgs and Cgd in paragraph [0010] of the specification represent a defective effect in a transistor. The defective effect results from the physical structure of the transistor and has already been taught in many basic textbooks of electronics. The Cgs is the parasitic capacitor between the gate terminal and source terminal when the transistor is operated. The Cgd is the parasitic capacitor between the gate terminal and drain terminal when the transistor is operated. Thus, Applicant submitted and still holds that it is not necessary to show Cgs and Cgd in the drawings.

III. Discussion of Rejection Under 35 U.S.C. 103(a)

The Office Action rejected claims 1 and 4 under 35 U.S.C. 103(a) as being unpatentable over Furuhashi (US 5,731,796) in view of Yamamoto (US 6,844,769 B2), and rejected claims 5-10 under 35 U.S.C. 103(a) as being unpatentable over Furuhashi et al. in view of Yamamoto, and further in view of Wang et al.

In response thereto, Applicant has amended claim 1 to include all of the limitations of claim 2 which is hinted to be allowable if rewritten to include all of the limitations of the base claim and any intervening claims.

Accordingly, amended claim 1 should be allowable.

Claims 3-10 should also be patentable since they depend on allowable claim 1 directly or indirectly.

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IV. Discussion of Objections

The Office Action objected to claims 2-3 as being dependent upon a rejected base claim.

Claim 2 is canceled and claim 3 dependent on allowable claim 1 should be patentable now.

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CONCLUSION

For at least the foregoing reasons, it is believed that the pending claims 1-24 are in proper condition for allowance. If the Examiner believes that a telephone conference would expedite the examination of the above-identified patent application, the Examiner is invited to call the undersigned.

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Respectfully submitted,

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